

Bulletin No. 25 of 1939.

STATE OF SOUTH AUSTRALIA.

WHEAT PRODUCTIVITY CLASSIFICATION, 1938-39.

With a view to ascertaining the extent of acreage producing very high and very low returns of wheat per acre, all wheat farms have been classified according to their productivity per acre. The accompanying return sets forth comparative details for the three seasons 1936-37, 1937-38 and 1938-39.

In the following notes, the particulars for the previous season are shown in parentheses.

The total yield for 1938-39 was 31,674,418 (43,428,423) bushels averaging 10.28 (13.73) bushels per acre, and the Agricultural Areas Rainfall April-November was 10.00 (11.38) inches.

Of the 12,585 (13,063) farms in the State, 6,842 (9,760) or 54% (75%) harvested yields of 9 bushels and over, and 5,743 (3,303) or 46% (25%) yields of less than 9 bushels.

2,399 (4,152) farmers or 19.06 (31.78)% harvested 18 bushels per acre and upwards, producing 32.24 (46.64)% of the crop from 14.17 (28.75)% of the total area sown. 35.31 (42.93)% of the farmers harvested 9 and under 18 bushels and 45.63 (25.29)% less than 9 bushels per acre.

Of the 2,399 (4,152) farms with average yields of 18 bushels and over 1,222 (1,556) were in the Central Division, 880 (1,601) in the Lower North and only 297 (995) in the remaining four Divisions of the State.

Of the total 5,743 (3,303) farms under 9 bushels, the Murray Mallee and Western Divisions had 1,632 (790) and 1,536 (1,281) respectively. In these Divisions there were 689 and 340 under 3 bushels, 490 and 508 with 3-6 bushels, 453 and 688 with 6-9 bushels, and 440 and 795 with 9 bushels and over.

| Divisions     | WHEAT CROP |              | Wheat Farms with yields of - |            |                 |        |
|---------------|------------|--------------|------------------------------|------------|-----------------|--------|
|               | Total      | Av. per acre | Under 9 Bush.                | 9-18 Bush. | 18 Bush. & over | Total  |
|               | Bush.      | Bush.        | No.                          | No.        | No.             | No.    |
| Central       | 6,911,067  | 14.64        | 860                          | 1,562      | 1,222           | 3,644  |
| Lower North   | 11,331,780 | 14.99        | 745                          | 1,392      | 880             | 3,017  |
| Upper North   | 1,641,270  | 5.75         | 874                          | 197        | 85              | 1,156  |
| South Eastern | 584,328    | 15.01        | 96                           | 149        | 120             | 365    |
| Western       | 7,121,186  | 8.57         | 1,536                        | 721        | 74              | 2,331  |
| Murray Mallee | 4,084,787  | 5.86         | 1,632                        | 422        | 18              | 2,072  |
| Total 1938-39 | 31,674,418 | 10.28        | 5,743                        | 4,443      | 2,399           | 12,585 |
| 1937-38       | 43,428,423 | 13.73        | 3,303                        | 5,608      | 4,152           | 13,063 |
| 1936-37       | 28,714,653 | 9.39         | 6,234                        | 4,574      | 2,101           | 12,909 |
| 1935-36       | 31,615,744 | 10.58        | 5,369                        | 4,720      | 2,698           | 12,787 |
| 1934-35       | 27,455,600 | 8.61         | 6,391                        | 4,266      | 2,396           | 13,053 |

Average area of Wheat Crops per Holding - Central 130 (135), Lower North 251 (254), Upper North 247 (250), South Eastern 107 (108), Western 356 (348) and Murray Mallee 337 (324) acres, Total State 245 (242) acres. There were 1,645 (1,774) farms with less than 50 acres of wheat, and of these 743 (812) were less than 20 acres.

In the Central Division there were 1,222 farms with 18 bushels and over, and 880 with 9 bushels, and 297 with 3-6 bushels, and 453 with 6-9 bushels and over.

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27th September, 1939.

ASST. GOVERNMENT STATIST.

PRODUCTIVITY OF WHEAT AREAS - SOUTH AUSTRALIA.

Comparative analysis of the Productivity of Wheat Areas per acre for the seasons 1936-37, 1937-38 and 1938-39. Total average inches rainfall in Agricultural Areas (with April-November totals in parentheses) 1936 - 13.56 (10.00), 1937 - 16.33 (11.38), 1938 - 13.69 (10.00).

| Production Groups            | No. of Wheat Growers |                    |                    | Area of Crop          |                       |                       | PRODUCTION             |                        |                        |
|------------------------------|----------------------|--------------------|--------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
|                              | 1936-37              | 1937-38            | 1938-39            | 1936-37               | Acres                 | 1937-38               | 1938-39                | 1936-37                | 1937-38                |
|                              | No.                  | No.                | No.                |                       | Acres                 |                       | Bush.                  | Bush.                  | Bush.                  |
| Under 3 bush.                | 1,903                | 456                | 2,127              | 541,903               | 107,149               | 570,517               | 901,115                | 193,524                | 967,156                |
| 3 & under 6                  | 2,117                | 1,134              | 1,592              | 612,523               | 303,936               | 453,665               | 2,801,598              | 1,397,238              | 2,179,505              |
| 6 " " 9                      | 2,214                | 1,713              | 2,024              | 583,972               | 467,751               | 590,523               | 4,451,493              | 3,477,081              | 4,632,615              |
| 9 " " 12                     | 1,912                | 1,860              | 1,758              | 461,600               | 506,449               | 474,038               | 4,931,115              | 5,233,359              | 5,128,598              |
| 12" " 15                     | 1,443                | 1,852              | 1,365              | 305,306               | 450,608               | 298,434               | 4,170,539              | 6,042,162              | 4,150,597              |
| 15" " 18                     | 1,219                | 1,896              | 1,320              | 215,384               | 416,930               | 256,797               | 3,615,680              | 6,830,643              | 4,403,437              |
| 18" " 21                     | 894                  | 1,723              | 1,017              | 151,944               | 389,069               | 187,367               | 3,017,598              | 7,528,602              | 3,803,991              |
| 21" " 27                     | 854                  | 1,902              | 1,065              | 136,501               | 419,494               | 199,774               | 3,265,140              | 9,778,428              | 4,870,197              |
| 27" " 33                     | 303                  | 462                | 272                | 42,875                | 92,191                | 44,023                | 1,325,950              | 2,657,370              | 1,340,744              |
| 33 & up.                     | 50                   | 65                 | 45                 | 6,449                 | 8,162                 | 5,263                 | 234,425                | 290,016                | 197,578                |
| Total under 9<br>% to total  | 6,234<br>(48.29)     | 3,303<br>(25.29)   | 5,743<br>(45.63)   | 1,738,398<br>(56.84)  | 878,836<br>(27.79)    | 1,614,705<br>(52.42)  | 8,154,206<br>(28.40)   | 5,067,843<br>(11.67)   | 7,779,276<br>(24.56)   |
| Total 9 to 18<br>% to total  | 4,574<br>(35.43)     | 5,608<br>(42.93)   | 4,443<br>(35.31)   | 982,290<br>(32.11)    | 1,373,987<br>(43.46)  | 1,029,269<br>(33.41)  | 12,717,334<br>(44.28)  | 18,106,164<br>(41.69)  | 13,682,632<br>(43.20)  |
| Total 18 & up.<br>% to total | 2,101<br>(16.28)     | 4,152<br>(31.78)   | 2,399<br>(19.06)   | 337,769<br>(11.05)    | 908,916<br>(28.75)    | 436,427<br>(14.17)    | 7,843,113<br>(27.32)   | 20,254,416<br>(46.64)  | 10,212,510<br>(32.24)  |
| GRAND TOTAL                  | 12,909<br>(100.00)   | 13,063<br>(100.00) | 12,585<br>(100.00) | 3,058,457<br>(100.00) | 3,161,739<br>(100.00) | 3,080,401<br>(100.00) | 28,714,653<br>(100.00) | 43,428,423<br>(100.00) | 31,674,418<br>(100.00) |

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